

IN THE CLAIMS:

1. (Currently Amended) A method for operating a wireless communication device having a display screen, comprising:

identifying a string entity within a message entity;

automatically identifying a predetermined class to which the string entity belongs, from a plurality of predetermined classes;

automatically finding a contact identifier associated with the string entity and the predetermined class; ~~and~~

displaying descriptive information relating to the found contact identifier on the display screen; and

providing an option to allow a user of the wireless communication device to reply to the message entity.

2. (Previously Amended) A method as recited in claim 1, wherein the message entity is comprised of a header and content of a text based message.

3. (Original) A method as recited in claim 2, wherein the text based message is stored on the wireless communication device.

4. (Original) A method as recited in claim 2, wherein the text based message is being processed by the wireless communication device

5. (Original) A method as recited in claim 1, wherein the message entity is a markup language file.

6. (Original) A method as recited in claim 5, wherein the markup language file is selected from the group consisting of Handheld Device Markup Language (HDML), Wireless Markup Language (WML), Hypertext Markup Language (HTML), Compact Hypertext Markup Language (cHTML), and Extensible Markup Language (XML).

B1 7. (Previously Amended) A method as recited in claim 1, wherein the predetermined class is selected from a group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

8. (Original) A method as recited in claim 7, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

9. (Original) A method as recited in claim 8, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

10. (Original) A method as recited in claim 8, wherein the user specified contact identifiers are field entries in a database stored on a remote server device.

11. (Original) A method as recited in claim 10, wherein the database stored on the remote server device is a public commercial database.

12. (Previously Amended) A method as recited in claim 1, wherein the descriptive information relating to the found contact identifier includes a symbolic information indicator.

13. (Original) A method as recited in claim 12, wherein the symbolic information indicator is an icon.

14. (Original) A method as recited in claim 1, further comprising:
associating found contact identifiers with communication services accessible through the wireless communication device; and
utilizing found contact identifiers to setup communication links for the communication services accessible through the wireless communication device.

15. (Original) A method as recited in claim 14, wherein the communication services accessible through the wireless communication device are selected from a group consisting of electronic mail services, facsimile services, short message services, paging services, file retrieval services and phone services.

16. (Previously Amended) A method as recited in claim 1, further comprising:
identifying a resource containing the found contact identifier; and

retrieving the identified resource.

17. (Original) A method as recited in claim 1, wherein the wireless communication device incorporates a microprocessor and storage area for program code.

18. (Original) A method as recited in claim 17, wherein the microprocessor utilizes the program stored in the storage area to control a phone function and a local application.

BI 19. (Original) A method as recited in claim 18, wherein the local application is an address book application.

20. (Original) A method as recited in claim 18, wherein the local application is a calendar application.

21. (Original) A method as recited in claim 18, wherein the local application is a contact list.

22. (Original) A method as recited in claim 1, wherein the wireless communication device is selected from a group consisting of a mobile phone, a personal digital assistant and a two-way pager.

23. (Currently Amended) A machine readable medium having stored therein instructions for use in a wireless communication device having a display screen, the instructions comprising:

instructions to identify a string entity within a message entity;
instructions to automatically identify a predetermined class to which the string entity belongs, from a plurality of predetermined classes;
instructions to find a contact identifier associated with the string entity and the predetermined class; ~~and~~
instructions to generate a screen display presentation relating to the found contact identifier associated with the predetermined class; and
instructions to configure the wireless device in response to identification of the found contact identifier associated with the predetermined class.

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24. (Previously Amended) A machine readable medium as described in claim 23, further comprising:

instructions to display symbolic identifiers relating to the found contact identifier associated with the predetermined class.

25. (Previously Amended) A machine readable medium as described in claim 23, wherein the message entity is comprised of the headers and content associated with a designated message.

26. (Previously Amended) A machine readable medium as described in claim 23, wherein the message entity is a markup language file.

27. (Previously Amended) A machine readable medium as described in claim 26, wherein the markup language file is selected from a the group consisting of Handheld Device Markup

Language (HDML), Wireless Markup Language (WML), Hypertext Markup Language (HTML), Compact Hypertext Markup Language (cHTML), and Extensible Markup Language (XML).

28. (Previously Amended) A machine readable medium as described in claim 23, wherein the predetermined class is selected from the group consisting of email contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

29. (Previously Amended) A machine readable medium as described in claim 28, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

30. (Previously Amended) A machine readable medium as described in claim 29, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

31. (Previously Amended) A machine readable medium as described in claim 28, wherein the user specified contact identifiers are field entries in a database stored on a remote server device.

32. (Previously Amended) A machine readable medium as described in claim 31, wherein the database stored on the remote server device is a public commercial database.

33. (Previously Amended) A machine readable medium as described in claim 28, wherein the screen display presentation includes symbolic information identifiers.

34. (Previously Amended) A machine readable medium as described in claim 33, wherein the symbolic identifiers are icons.

35. (Currently Amended) A wireless communication device having a display screen comprising:

a storage device for storing a message entity;

a memory for storing program code for a processor; and

a processor coupled to the storage device and the memory, wherein the processor

operates to execute the program code stored in the memory to identify a string entity within a message entity, automatically identify a predetermined class to which the string entity belongs from a plurality of predetermined classes, find a contact identifier associated with the string entity and the predetermined class stored on the storage device, and display descriptive information on the display screen relating to the found contact identifier, and provide an option to allow a user of the wireless communication device to reply to the message entity.

36. (Previously Amended) A wireless communication device as described in claim 35, wherein the message entity is comprised of a header and content associated with a text based message.

37. (Previously Amended) A wireless communication device as described in claim 36, wherein the text-based message is a markup language file.

B1 38. (Original) A wireless communication device as described in claim 37, wherein the markup language file is selected from a the group consisting of Handheld Device Markup Language (HDML), Wireless Markup Language (WML), Hypertext Markup Language (HTML), Compact Hypertext Markup Language (cHTML), and Extensible Markup Language (XML).

39. (Previously Amended) A wireless communication device as described in claim 35, wherein the predetermined class is selected from the group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

40. (Original) A wireless communication device as described in claim 39, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

41. (Original) A wireless communication device as described in claim 40, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

42. (Original) A wireless communication device as described in claim 40, wherein the user specified contact identifiers are field entries in a database stored on a remote server device.

31 43. (Original) A wireless communication device as described in claim 42, wherein the database stored on the remote server device is a public commercial database.

44. (Original) A wireless communication device as described in claim 35, wherein the descriptive information relating to found contact identifiers includes a symbolic information indicator.

45. (Original) A wireless communication device as described in claim 44, wherein the symbolic information indicator is an icon.

46. (Original) A wireless communication device as described in claim 35, further comprising:

program code stored in the memory for associating found contact identifiers with communication services accessible through the wireless communication device; and

program code stored in the memory for utilizing found contact identifiers to setup communication links for communication services accessible through the wireless communication device.

47. (Previously Added) A method as recited in claim 1, wherein the descriptive information relating to the found contact identifier is a selectable task indicator associated with a performable task.

BI 48. (Previously Added) A method as recited in claim 47, wherein the performable task establishes a communication session with a remote gateway.

49. (Previously Added) A method as recited in claim 47, wherein the performable task automatically inserts the found contact identifier into a field.

50. (Previously Added) A machine readable medium as described in claim 23, wherein the screen display presentation relating to the found contact identifier comprises a selectable task indicator associated with a performable task.

51. (Previously Added) A machine readable medium as described in claim 50, further comprising: instructions to establish a communication session with a remote gateway.

52. (Previously Added) A machine readable medium as described in claim 50, further comprising: instructions to automatically insert the found contact identifier into a field.

53. (Previously Added) A wireless communication device as described in claim 35, wherein the descriptive information relating to the found contact identifier is a selectable task indicator associated with a performable task.

54. (Previously Added) A wireless communication device as described in claim 53, wherein the processor operates to establish a communication session with a remote gateway.

B | 55. (Previously Added) A wireless communication device as described in claim 53, wherein the processor operates to insert a found contact identifier into a field.

56. (New) A machine readable medium as described in claim 23, wherein the instructions to configure the wireless device in response to identification of the found contact identifier associated with the predetermined class display a softkey.

57. (New) A machine readable medium as described in claim 23, wherein the instructions to configure the wireless device in response to identification of the found contact identifier associated with the predetermined class display a symbolic indicator.

58. (New) A machine readable medium as described in claim 23, wherein the instructions to configure the wireless device in response to identification of the found contact identifier associated with the predetermined class display an icon.